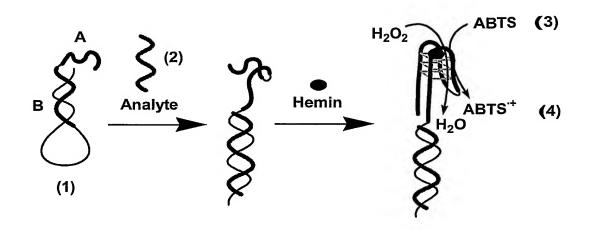
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(1)=5'-CCCTACCCAGCCTTAACTGTAGTACTGGTGAAATTGCTGCC ATTTGGGTAGGGCGGGTTGGG-3'

- (2) = 5'-AATGGCAGCAATTTCACCAGTACTACAGTTAAGGC-3'
- (2a) = 5'-AATCGCAGCAATTTCACCAGTACTACAGTTAAGGC-3'
- (2b) = 5'-AATGGCAGCAATTTCAC GAGTACTACAGTTAAGGC-3'

APrimer

dNTP

Telomerase

H₂O₂

ABTS

Hemin

Hemin

(5)=5'-TGGGTAGGGCGGGTTGGGAAATAACCCTAACCCTAACCCT AACCCTAACCCTAACCCAACCCAATCCGTCGAGCAGAGTT -3' (6) = 5'-AATCCGTCGAGCAGAGTTAG(GGTTAG)n-3'

FIG. 1B

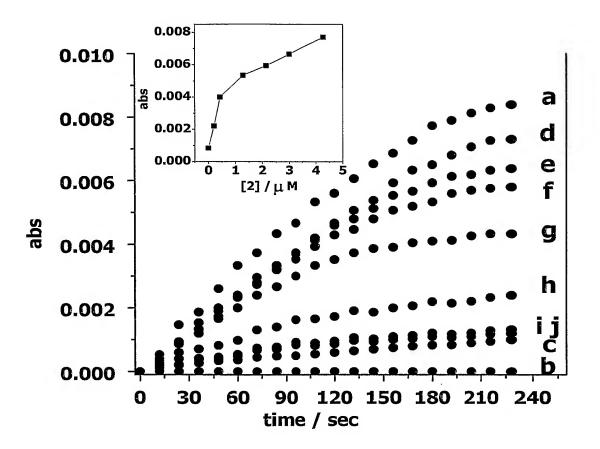
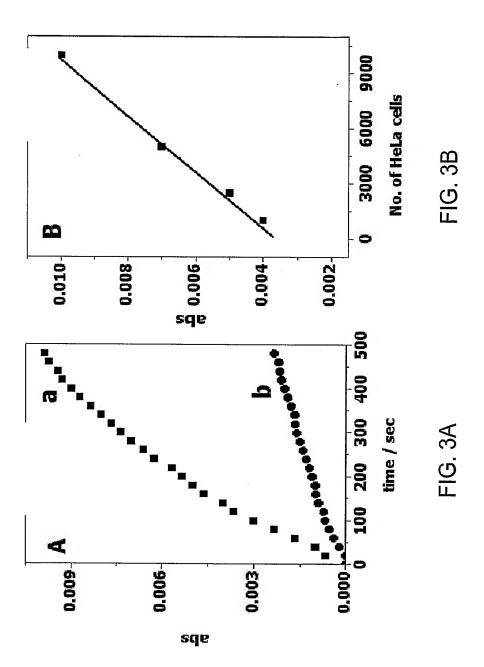
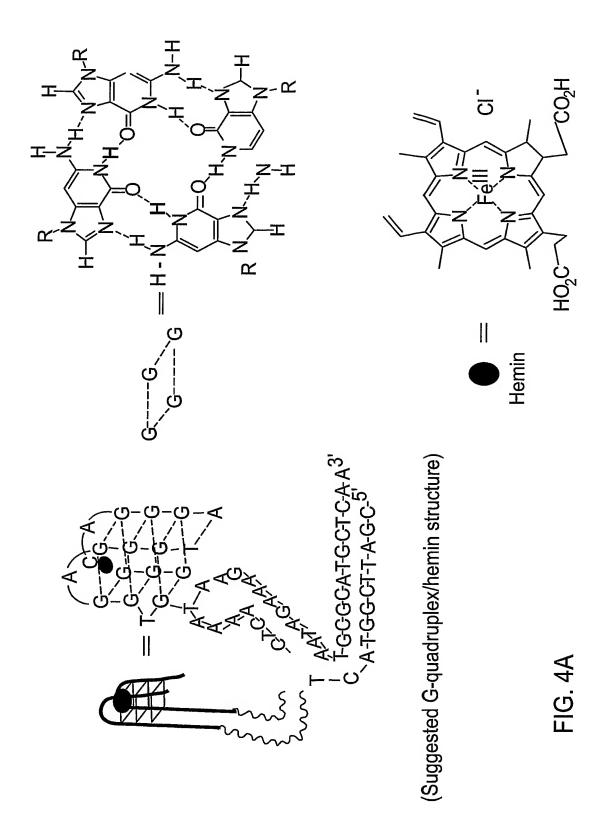
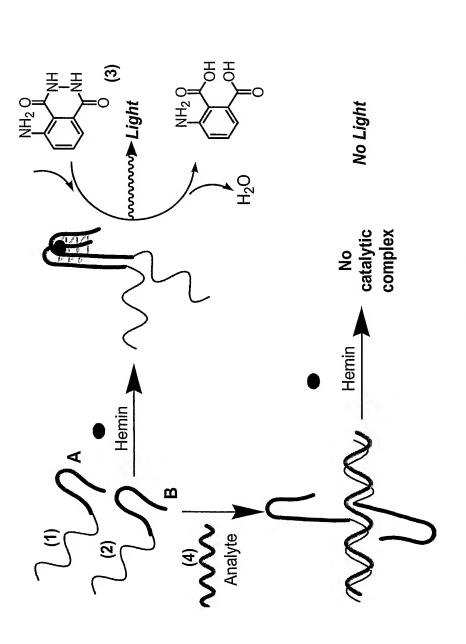


FIG. 2

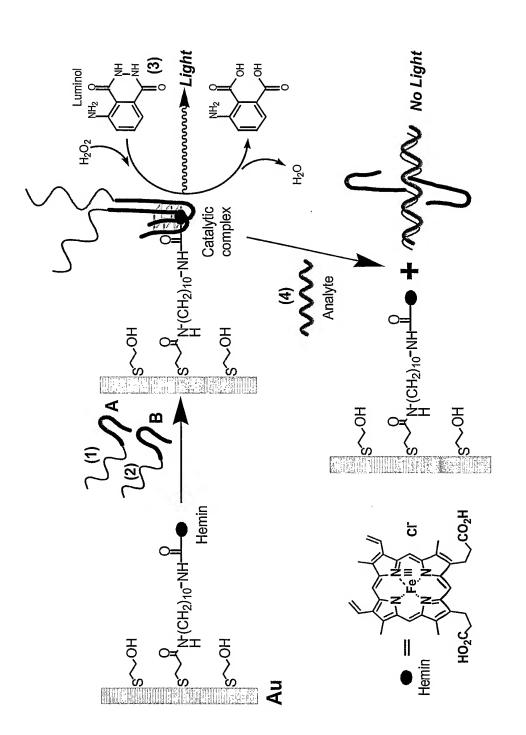






(1) = 5'-CGATTCGGTACTGGCTCAAAATGTGGAGGGT-3' (2) = 5'-AGGGACGGGAAGAAGATAATGCGCATGCTCAA-3' (4) = 5'-TTGAGCATGCGCATTATCTGAGCCAGTACCGAATCG-3'

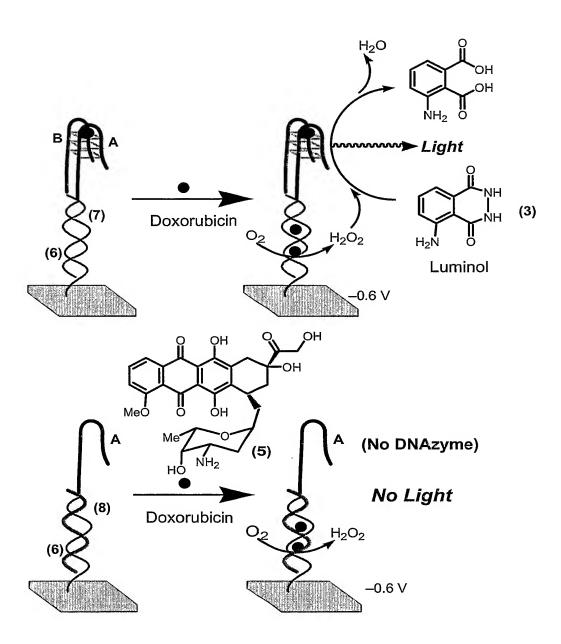
FIG 4R



(1) = 5'-CGATTCGGTACTGGCTCAAAATGTGGAGGGT-3'(2) = 5'-AGGGACGGGAAGAAAGATAATGCGCATGCTCAA-3'(4) = 5'-TTGAGCATGCGCATTATCTGAGCCAGTACCGAATCG-3'

FIG.5

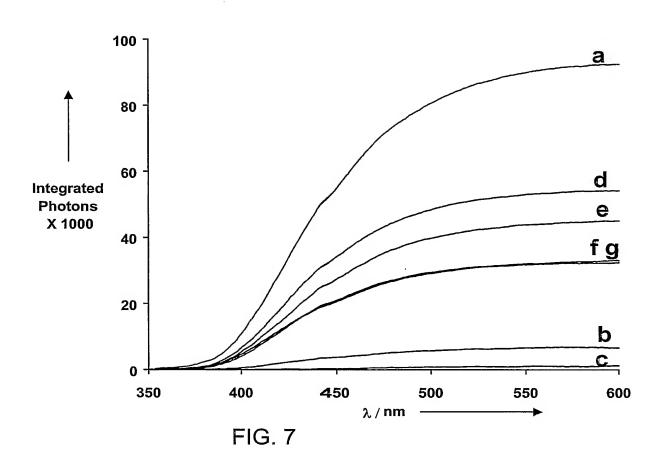
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- (6) = 5'-HS(CH₂)₆CGATTCGGTACTGGCTCAAAATGTGGAGGGT-3'
- (7) = 5'-AGGGACGGGAAGATGAGCCAGTACCGAATCG-3'
- (8) = 5'-TGAGCCAGTACCGAATCG-3'

FIG. 6

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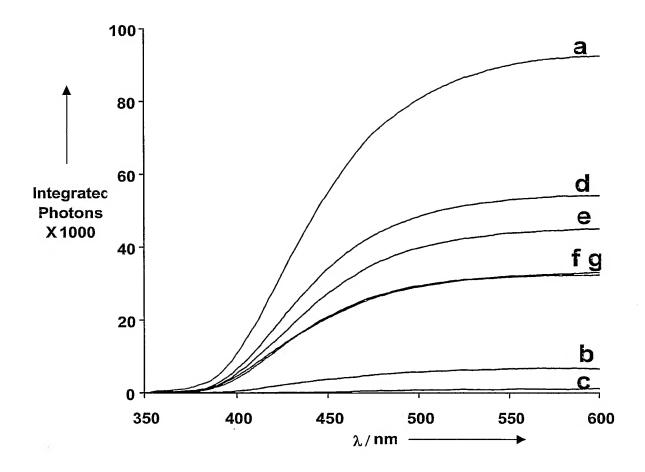
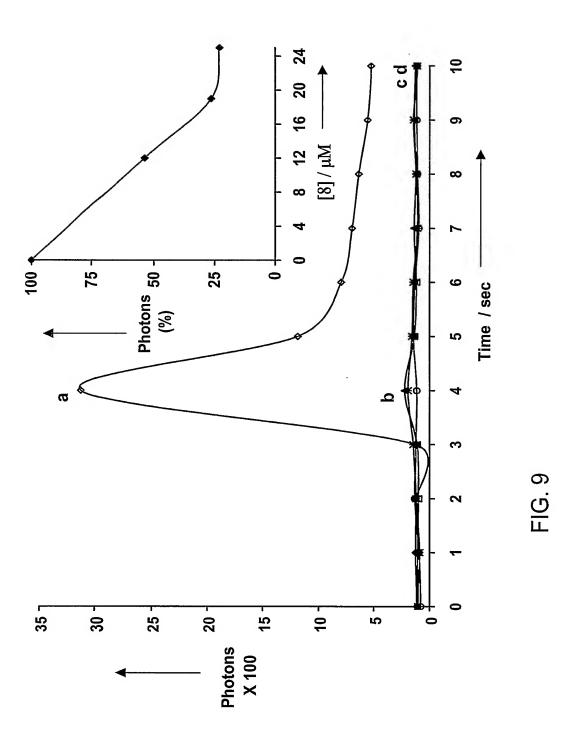
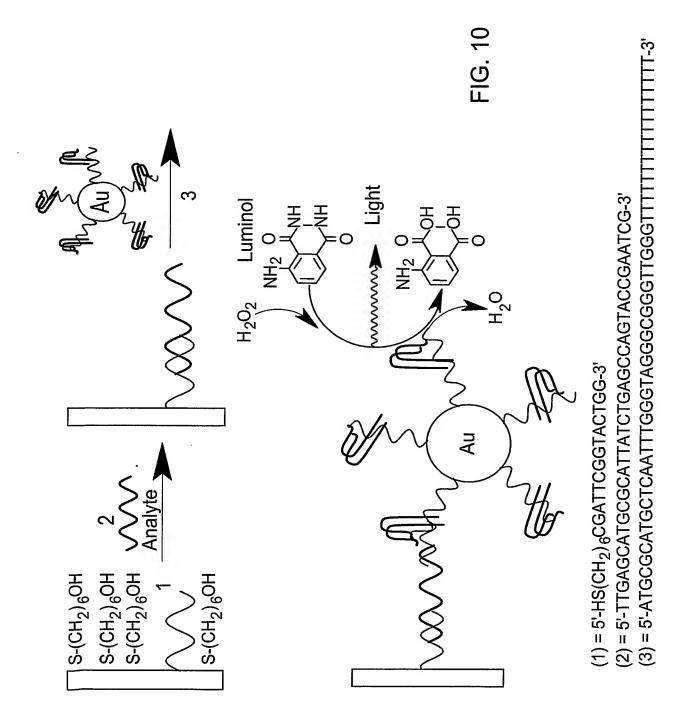


FIG. 8

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SUBSTITUTE SHEET (RULE 26)

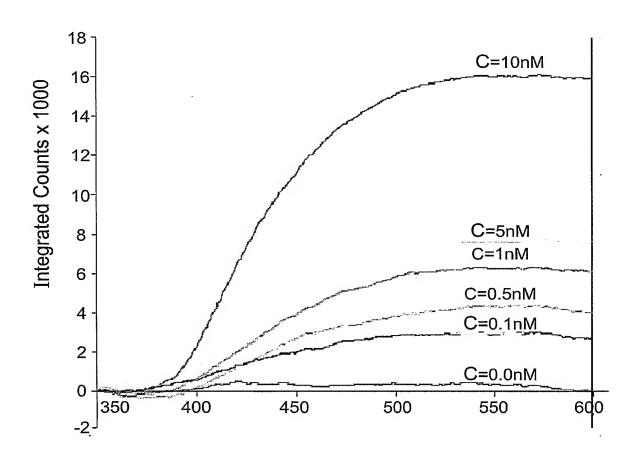
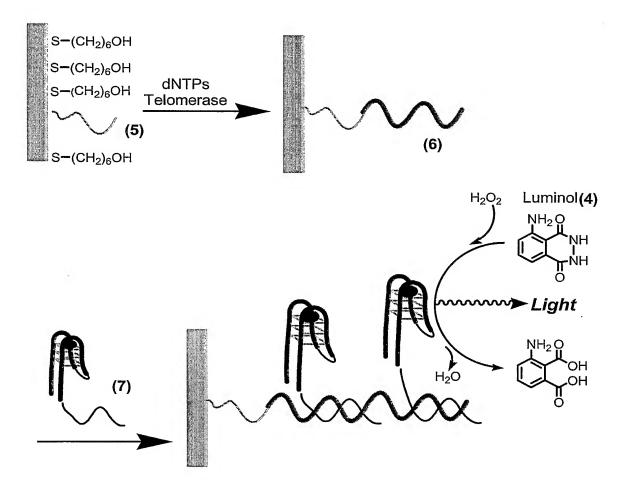


FIG. 11

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- (5) = $5'-HS(CH_2)_6TTTTTTAATCCGTCGAGCAGAGTT-3'$
- **(6)** = 5'-(GGTTAG)_n-3'
- (7) = 5'-CTAACCCTAACCTTTGGGTAGGGCGGGTTGGG-3'

FIG. 12

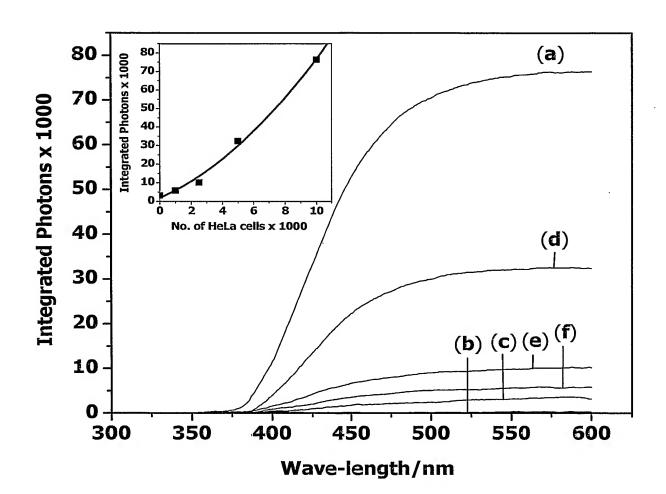


FIG. 13